

VULINK™ RCS VIDEO CONFERENCING SYSTEM



PRODUCT OVERVIEW

The VuLink RCS is Gentner's all-new set-top video conferencing system, combining room-size performance, Gentner-quality sound, a crystal-clear picture, and easy document sharing.

VuLink RCS is the only set-top system that integrates a web browser, allowing full web access concurrently with H.320 calls—all without audio or video degradation. Based on the Windows CE platform, the browser enables meeting participants to share a variety of information with remote participants' video conferencing systems. Any accessible web-based document can be retrieved by the browser and sent to other participants in a video meeting.

VuLink RCS is also the only set-top that offers concurrent VGA output and composite output capability for clean, clear web content viewing.

The integrated network supports both an integrated ISDN interface (1BRI and 3BRI) and a built-in 10BaseT interface. No external ISDN module for a 3BRI application is necessary.

The PCMCIA Card Slot 2 interface allows memory expansion into the gigabyte range using off-the-shelf PCMCIA cards.

VuLink RCS delivers full-duplex digital audio with noise suppression and

acoustic echo cancellation for high-quality audio. The remote-mountable camera delivers crisp, clear video.

VuConsole™ software gives you an easy, robust way to remotely and securely manage your video conferencing system through a password protected user interface. VuConsole streamlines meeting administration by enabling remote configuration and software updates, end user call tracking, and statistics.

APPLICATIONS

- Distance Learning
- Teletraining
- Telemedicine
- Courtrooms
- Conference rooms
- Boardrooms

FEATURES AND BENEFITS

- Available as 2B ISDN 128kbps (VuLink 322 RCS) or 6B ISDN 384kbps (VuLink 326 RCS)
- Dual-mode ISDN H.320 and LAN/IP H.323 support on a call-by-call basis
- Supports both VGA & composite video output in three monitor configurations: single composite monitor, single VGA monitor, and dual monitor (composite video, VGA graphics, and browser)

- Expandable via built-in PCMCIA Card Slot 2 interface
- Quick and easy to install and use
- Remote diagnostics integrated with available VuConsole™ management system
- Enterprise-wide scheduling via VuMeeting™ software application using Microsoft® Outlook®
- Integrated Browser (Microsoft® Internet Explorer 4.0) for sharing of web-based information and Microsoft® Office documents
- VuFiles™ provides the ability to easily browse (.htm or .html) files from PCMCIA flash cards by simply clicking an "open" icon and viewing a file name list
- Host web-based applications via the browser (e.g. e-mail)
- Software upgrades via web or RS-232
- 340-entry local phone book for even easier calls
- IR remote control w/built-in keyboard and mouse for easy web navigation
- Small & compact, weighs only 2.75kg, including PTZ camera
- Can be mounted on top of a TV or as a stand-alone unit
- Control both ends of the video call with far/near end camera control (H.320 & H.323)
- 10 preset camera positions
- Detachable camera w/5-meter cable

Gentner

Perfect Communication through Technology, Service, and Education.®

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SPECIFICATIONS

Standards Support

H.320 and H.323

Bandwidth

Model	Data Rate kbps	
	H.320	H.323
VuLink 322 RCS	56 – 128	64 – 384
VuLink 326 RCS	56 – 384	64 – 384

User Interface

Graphical user interface
Infrared remote control w/built-in keyboard and mouse
Call monitoring
Phone book stores up to 340 entries
Microsoft Internet Explorer browser
Language supported: English

Additional Features

Microsoft® Windows® CE operating system
2 x PCMCIA 2.0 slots
2 x external RS-232 connectors
Remote software upgrade support via web and RS-232 port
Sleep mode (power save)
VuMeeting scheduling with Microsoft Outlook
Remote management via VuConsole

Data

Annex D still image support
Image sharing resize
Graphic image capture:
 JPEG, web content, Microsoft Office images in .html
Web presentation via built-in browser
T.120 pass-through support

Video Standards

H.261, H.261 Annex D, H.263

Picture Resolution

FCIF, QCIF

Frame Rate

15 fps at 56 – 128 kbps
30 fps at 168 – 384 kbps

Video Input

RCS camera input
Auxiliary camera: composite (RCA)

Video Output

Main monitor: composite (RCA)
VGA/SVGA:
 640x480, NTSC
 800x600, PAL

Video Format

NTSC/PAL, auto detect

RCS Camera

1/3" IT color CCD
12:1 zoom
f=5.4 to 64.8mm, F1.8 to F2.7mm
Auto focus and white balance

Picture-In-Picture

Auto on, auto off, moveable

Video Features

H.281 (far end camera control in H.320 and H.323)
Single or dual monitor support

Camera Presets

10 local camera presets
10 remote camera presets

Audio Standards

G.711, G.722, G.723.1, G.728

Audio Input/Output

Microphone input (mini-XLR)
Line level input (RCA)
Line level output (RCA)

Full Duplex Audio

Full duplex audio echo cancellation
Automatic noise suppression
Automatic gain control

Network Standards

H.221, BONDING Mode 1

Network Interface

10BaseT Ethernet port
S/T BRI interface: Model 322: 1; Model 326: 3
Automatic SPID detection

ISDN Protocols

1TR6, 5ESS, DMS100, ETSI, NI-1, NTT/INS, VN3

Electrical

Auto-sense external power brick
90-265 VAC, 47-63 Hz, 40W

Physical

Dimensions: 360 x 172 x 287mm (WxHxD)
Weight: 2.75kg



Gentner®

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